

FIG. 1

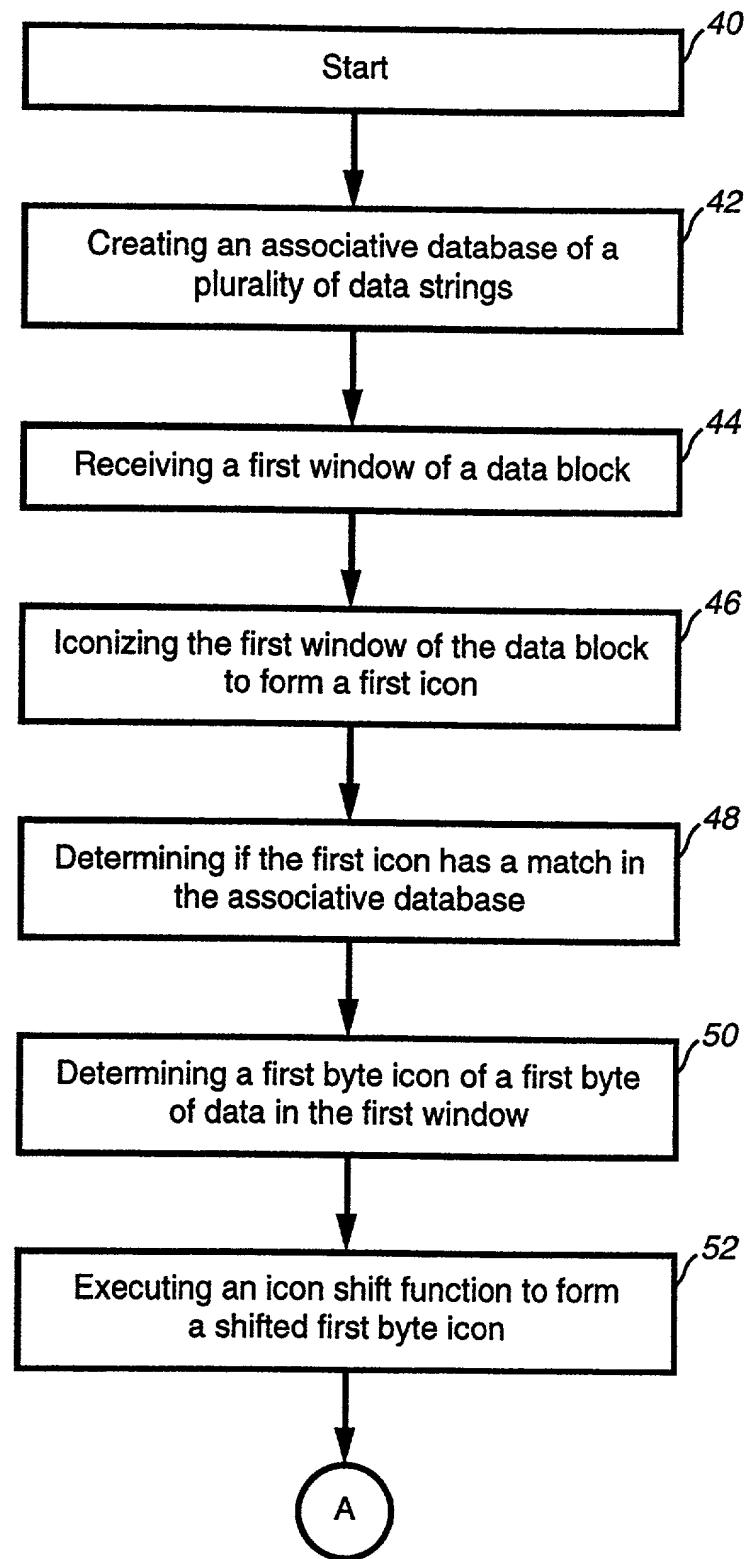


FIG. 2

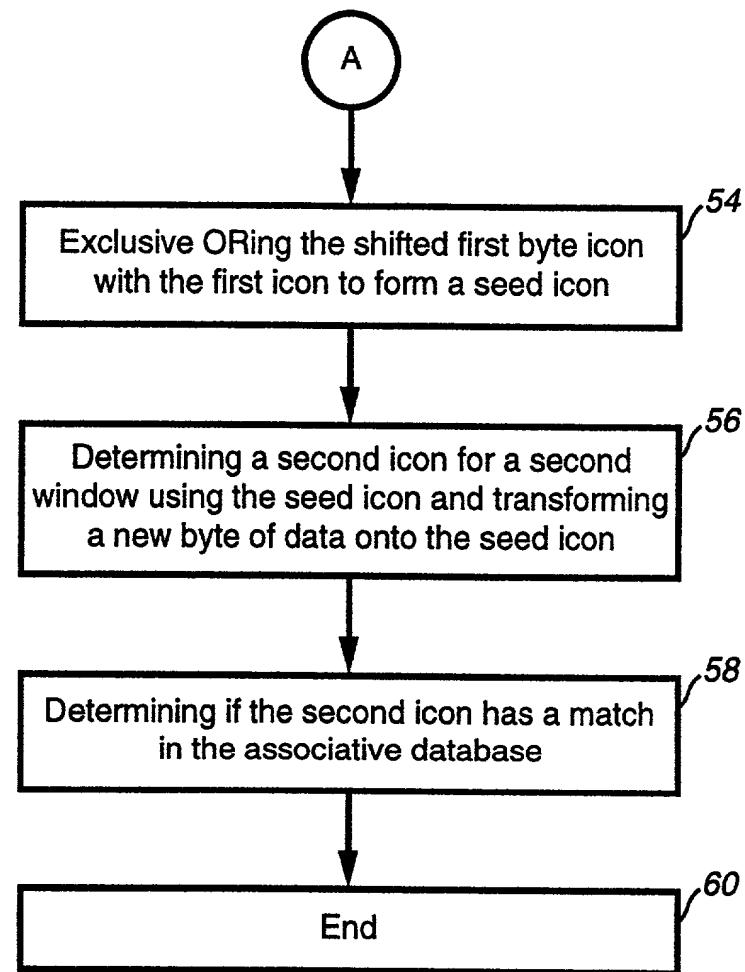


FIG. 3

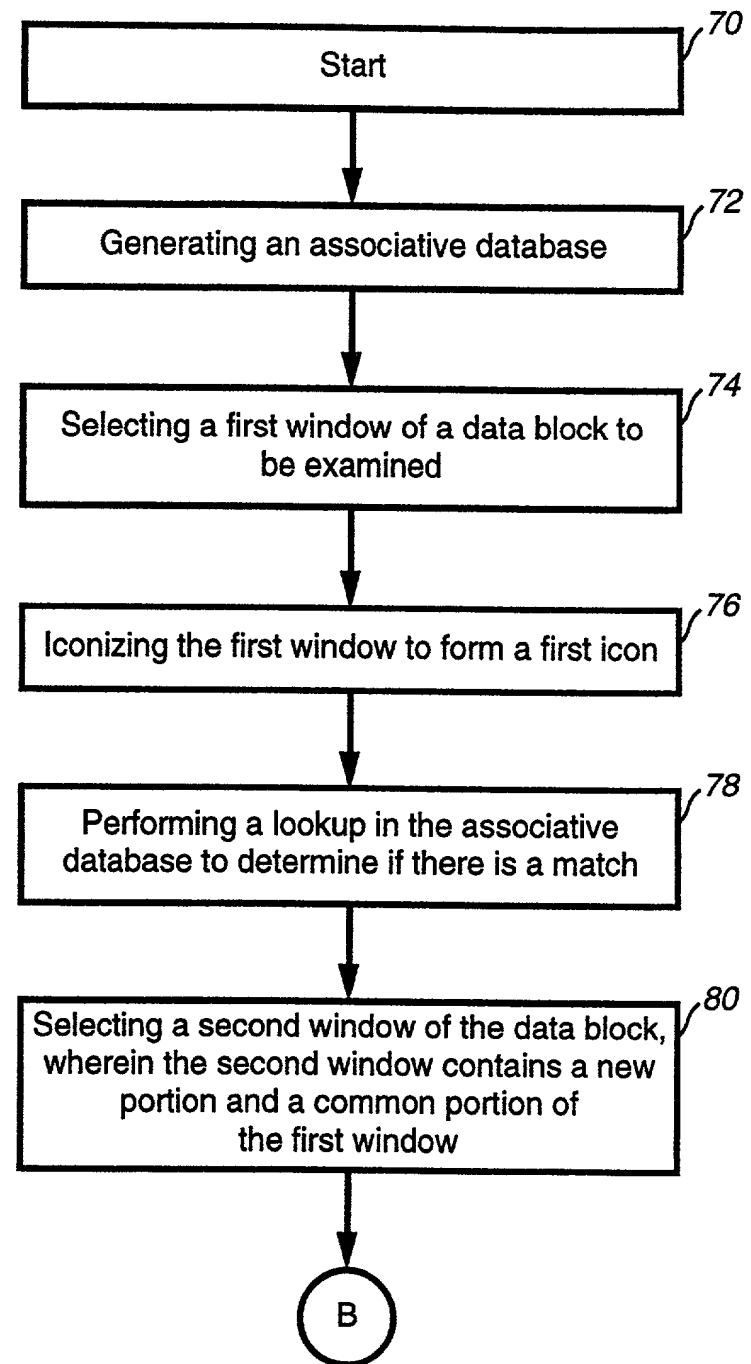
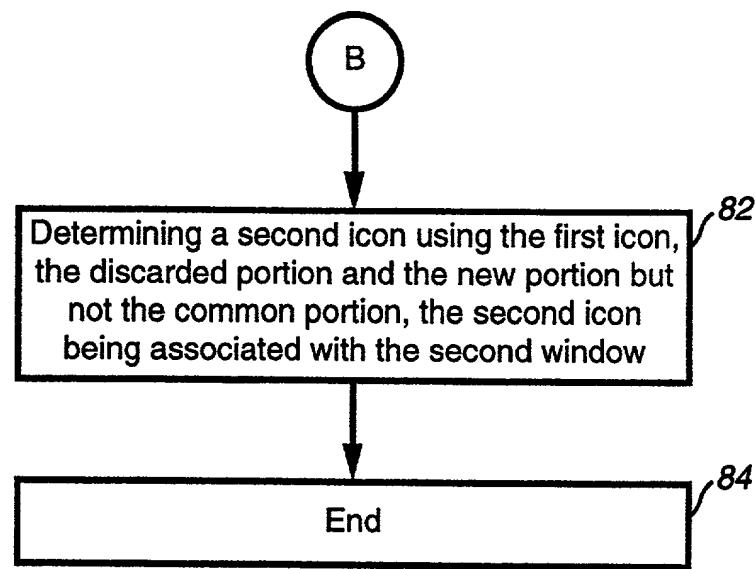
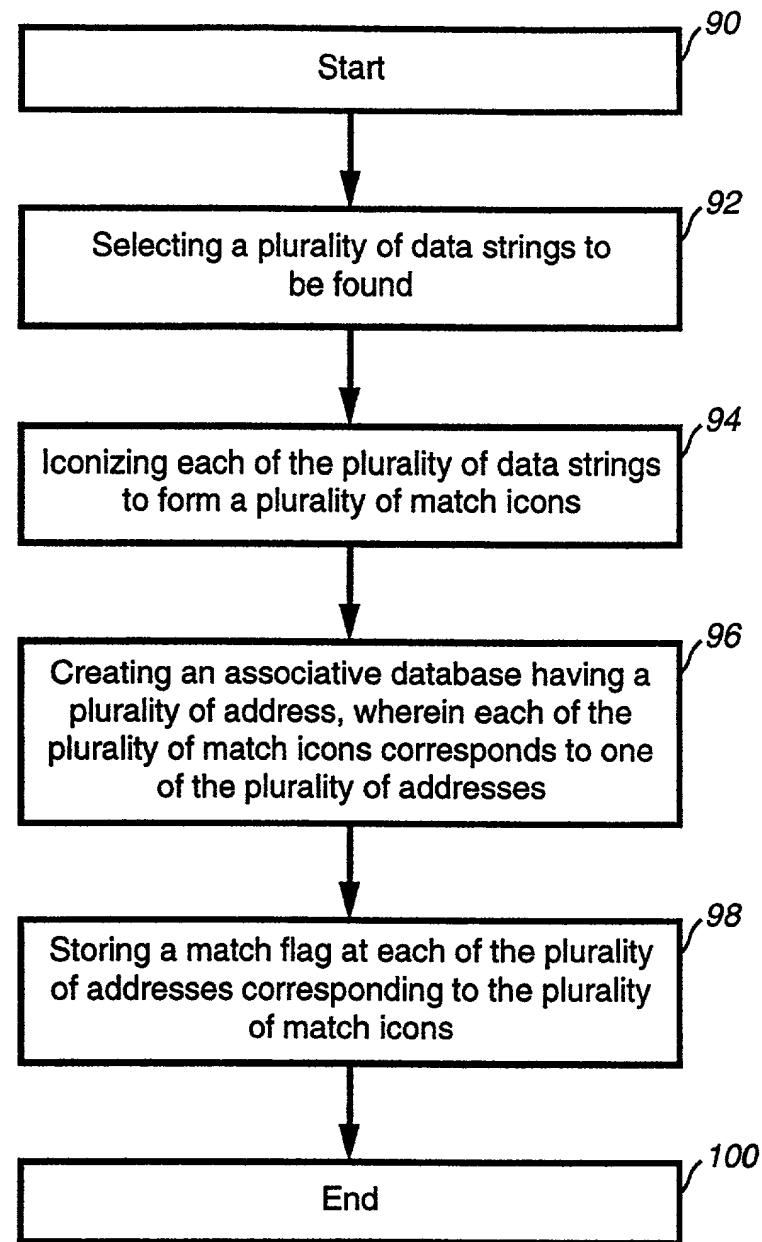


FIG. 4

**FIG. 5**



**FIG. 6**

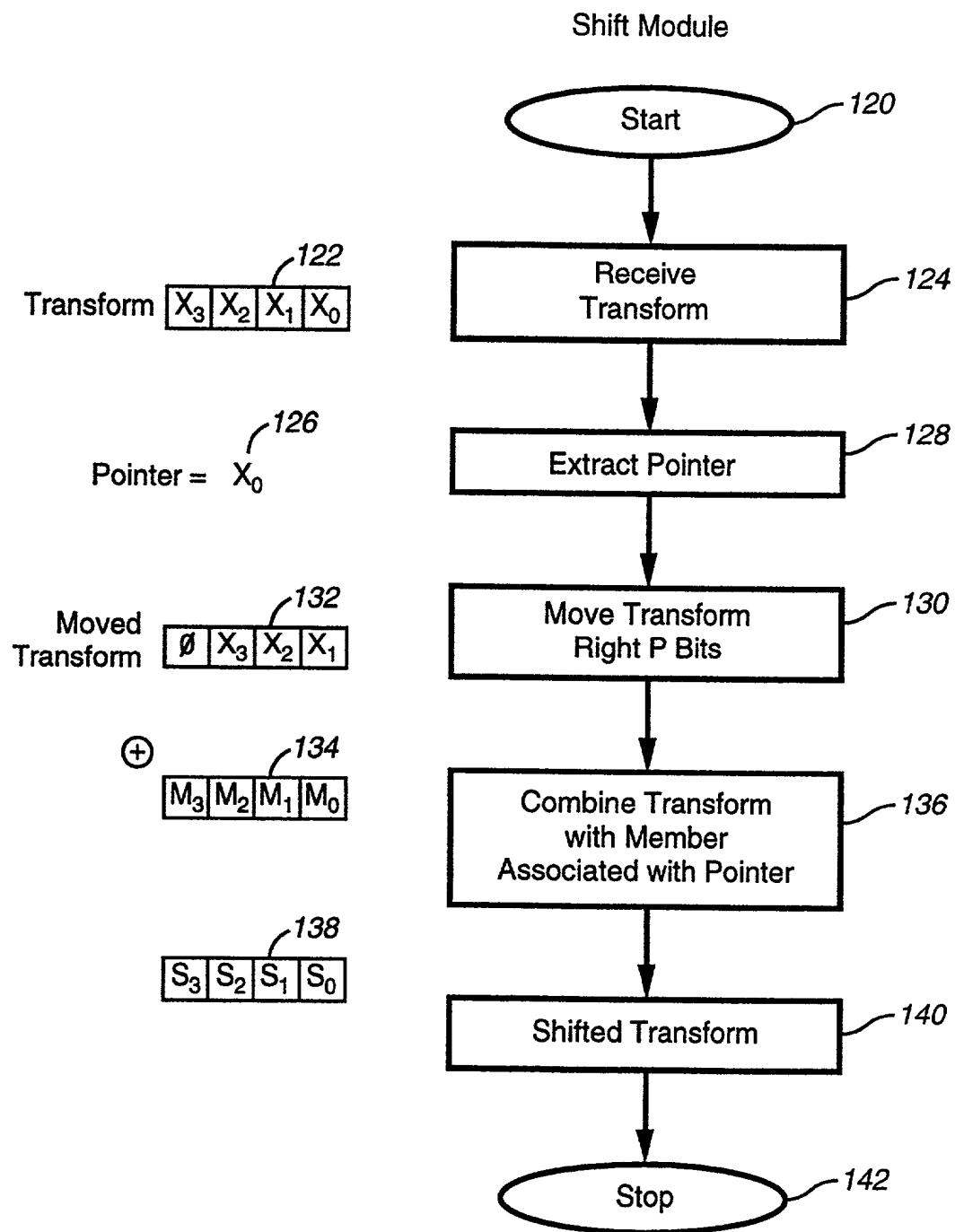


FIG. 7

## UNSHIFT Module

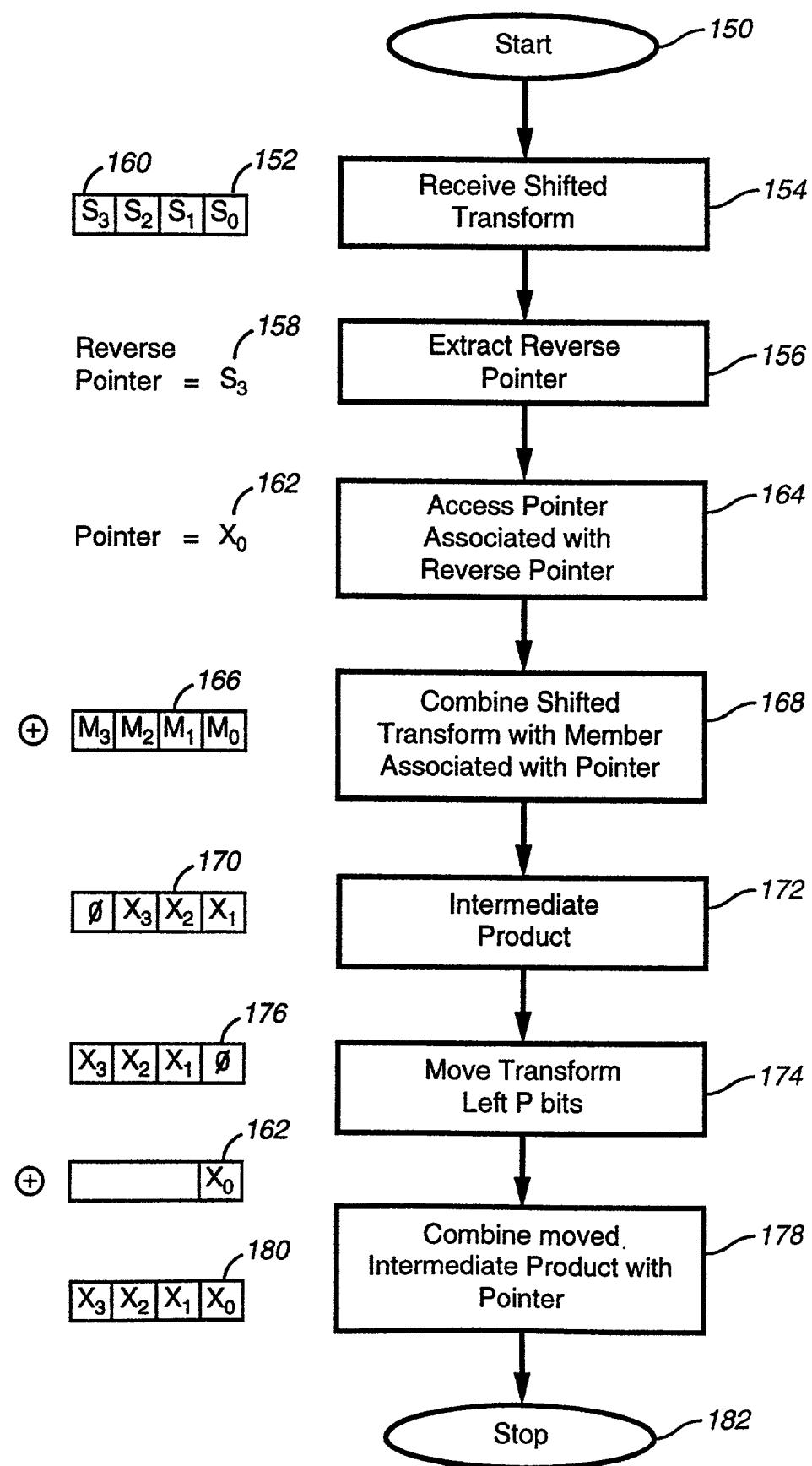


FIG 8

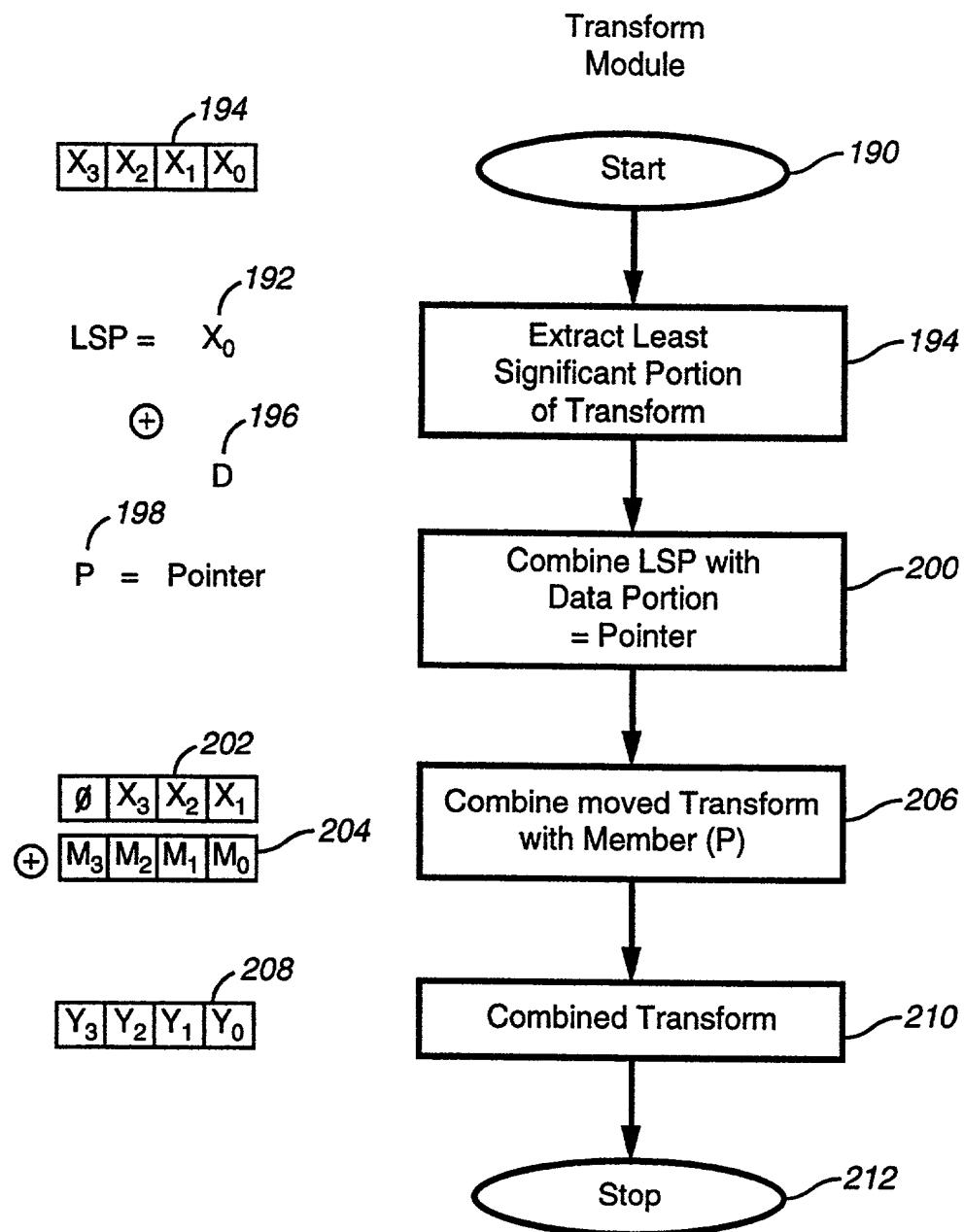


FIG. 9

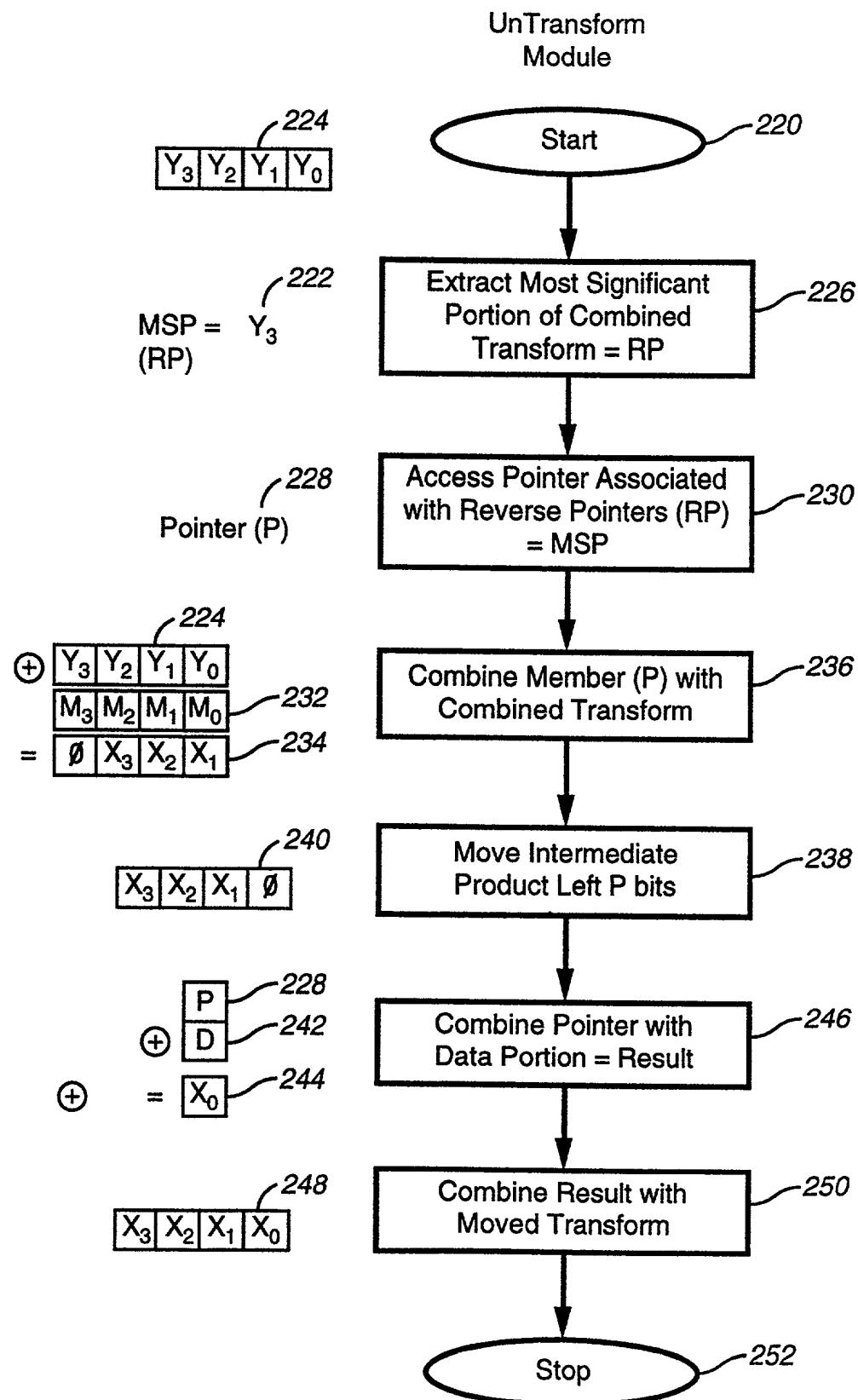


FIG. 10

## Transform Lookup Table:

00- 00000000 77073096 EE0E612C 990951BA 076DC419 706AF48F E963A535 9E6495A3  
 08- 0EDB8832 79DCB8A4 E0D5E91E 97D2D988 09B64C2B 7EB17CBD E7B82D07 90BF1D91  
 10- 1DB71064 6AB020F2 F3B97148 84BE41DE 1ADAD47D 6DDDE4EB F4D4B551 83D385C7  
 18- 136C9856 646BA8C0 FD62F97A 8A65C9EC 14015C4F 63066CD9 FA0F3D63 8D0B0DF5  
 20- 3B6E20C8 4C69105E D56041E4 A2677172 3C03E4D1 4B04D447 D20D85FD A50AB56B  
 28- 35B5A8FA 42B2986C DBBBC9D6 ACBCF940 32D86CE3 45DF5C75 DCD60DCF ABD13D59  
 30- 26D930AC 51DE003A C8D75180 BFDO6116 21B4F4B5 56B3C423 CFBA9599 B8BDA50F  
 38- 2802B89E 5F058808 C60CD9B2 B10BE924 2F6F7C87 58684C11 C1611DAB B6662D3D  
 40- 76DC4190 01DB7106 98D220BC EFD5102A 71B18589 06B6B51F 9FBFE4A5 E8B8D433  
 48- 7807C9A2 0F00F934 9609A88E E10E9818 7F6A0DBB 086D3D2D 91646C97 E6635C01  
 50- 6B6B51F4 1C6C6162 856530D8 F262004E 6C0695ED 1B01A57B 8208F4C1 F50FC457  
 58- 65B0D9C6 12B7E950 8BBEB8EA FCB9887C 62DD1DDF 15DA2D49 8CD37CF3 FBD44C65  
 60- 4DB26158 3AB551CE A3BC0074 D4BB30E2 4ADFA541 3DD895D7 A4D1C46D D3D6F4FB  
 68- 4369E96A 346ED9FC AD678846 DA60B8D0 44042D73 33031DE5 AA0A4C5F DD0D7CC9  
 70- 5005713C 270241AA BE0B1010 C90C2086 5768B525 206F85B3 B966D409 CE61E49F  
 78- 5EDEF90E 29D9C998 B0D09822 C7D7A8B4 59B33D17 2EB40D81 B7BD5C3B C0BA6CAD  
 80- EDB88320 9ABFB3B6 03B6E20C 74B1D29A EAD54739 9DD277AF 04DB2615 73DC1683  
 88- E3630B12 94643B84 0D6D6A3E 7A6A5AA8 E40ECF0B 9309FF9D 0A00AE27 7D079EB1  
 90- F00F9344 8708A3D2 1E01F268 6906C2FE F762575D 806567CB 196C3671 6E6B06E7  
 98- FED41B76 89D32BE0 10DA7A5A 67DD4ACC F9B9DF6F 8EBEFF9 17B7BE43 60B08ED5  
 A0- D6D6A3E8 A1D1937E 38D8C2C4 4FDF252 D1BB67F1 A6BC5767 3FB506DD 48B2364B  
 A8- D80D2BDA AF0A1B4C 36034AF6 41047A60 DF60EFC3 A867DF55 316E8EEF 4669BE79  
 B0- CB61B38C BC66831A 256FD2A0 5268E236 CC0C7795 BB0B4703 220216B9 5505262F  
 B8- C5BA3BEE B2BD0B28 2BB45A92 5CB36A04 C2D7FFA7 B5D0CF31 2CD99E8B 5BDEAE1D  
 C0- 9B64C2B0 EC63F226 756AA39C 026D930A 9C0906A9 EBOE363F 72076785 05005713  
 C8- 95BF4A82 E2B87A14 7BB12BAE OCB61B38 92D28E9B E5D5BE0D 7CDCEFB7 0BDBDF21  
 D0- 86D3D2D4 F1D4E242 68DDB3F8 1FDA836E 81BE16CD F6B9265B 6FB077E1 18B74777  
 D8- 88085AE6 FFOF6A70 66063BCA 11010B5C 8F659EFF F862AE69 6168FFD3 166CCF45  
 E0- A00AE278 D70DD2EE 4E048354 3903B3C2 A7672661 D06016F7 4969474D 3E6E77DB  
 E8- AED16A4A D9D65ADC 40DF0B66 37D83BF0 A9BCAE53 DEBB9EC5 47B2CF7F 30B5FFE9  
 F0- EDB0F21C CABAC28A 53B39330 24B4A3A6 BAD03605 CDD70693 54DE5729 23D967BF  
 F8- B3667A2E C4614AB8 5D681B02 2A6F2B94 B40BBE37 C30C8EA1 5A05DF1B 2D02EF8D

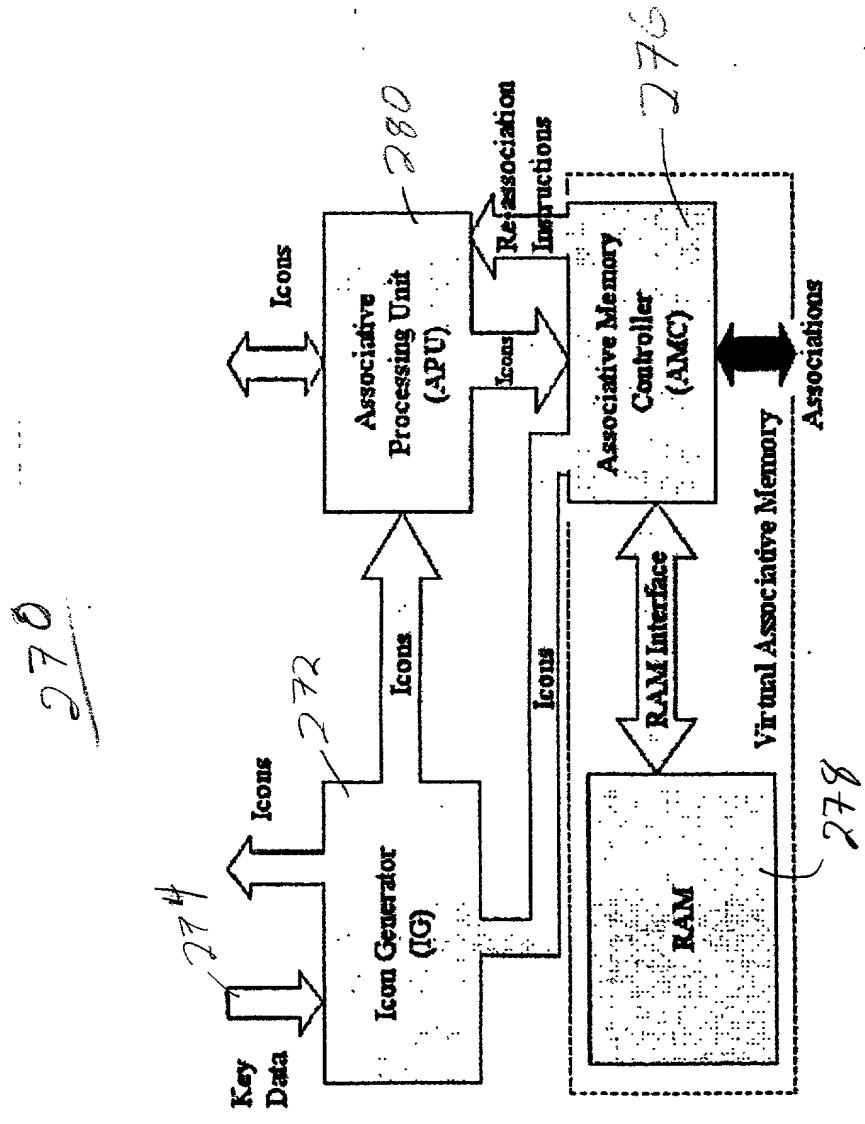
FIG. 11

## Transform Translation Table:

00-	00	41	C3	82	86	C7	45	04	4D	0C	8E	CF	CB	8A	08	49
10-	9A	DB	59	18	1C	5D	DF	9E	D7	96	14	55	51	10	92	D3
20-	75	34	B6	F7	F3	B2	30	71	38	79	FB	BA	BE	FF	7D	3C
30-	EF	AE	2C	6D	69	28	AA	EB	A2	E3	61	20	24	65	E7	A6
40-	EA	AB	29	68	6C	2D	AF	EE	A7	E6	64	25	21	60	E2	A3
50-	70	31	B3	F2	F6	B7	35	74	3D	7C	FE	BF	BB	FA	78	39
60-	9F	DE	5C	1D	19	58	DA	9B	D2	93	11	50	54	15	97	D6
70-	05	44	C6	87	83	C2	40	01	48	09	8B	CA	CE	8F	0D	4C
80-	95	D4	56	17	13	52	D0	91	D8	99	1B	5A	5E	1F	9D	DC
90-	0F	4E	CC	8D	89	C8	4A	0B	42	03	81	C0	C4	85	07	46
A0-	E0	A1	23	62	66	27	A5	E4	AD	EC	6E	2F	2B	6A	E8	A9
B0-	7A	3B	B9	F8	FC	BD	3F	7E	37	76	F4	B5	B1	F0	72	33
C0-	7F	3E	BC	FD	F9	B8	3A	7B	32	73	F1	B0	B4	F5	77	36
D0-	E5	A4	26	67	63	22	A0	E1	A8	E9	6B	2A	2E	6F	ED	AC
E0-	0A	4B	C9	88	8C	CD	4F	0E	47	06	84	C5	C1	80	02	43
F0-	90	D1	53	12	16	57	D5	94	DD	9C	1E	5F	5B	1A	98	D9

FIG. 12

FIG. 13



300

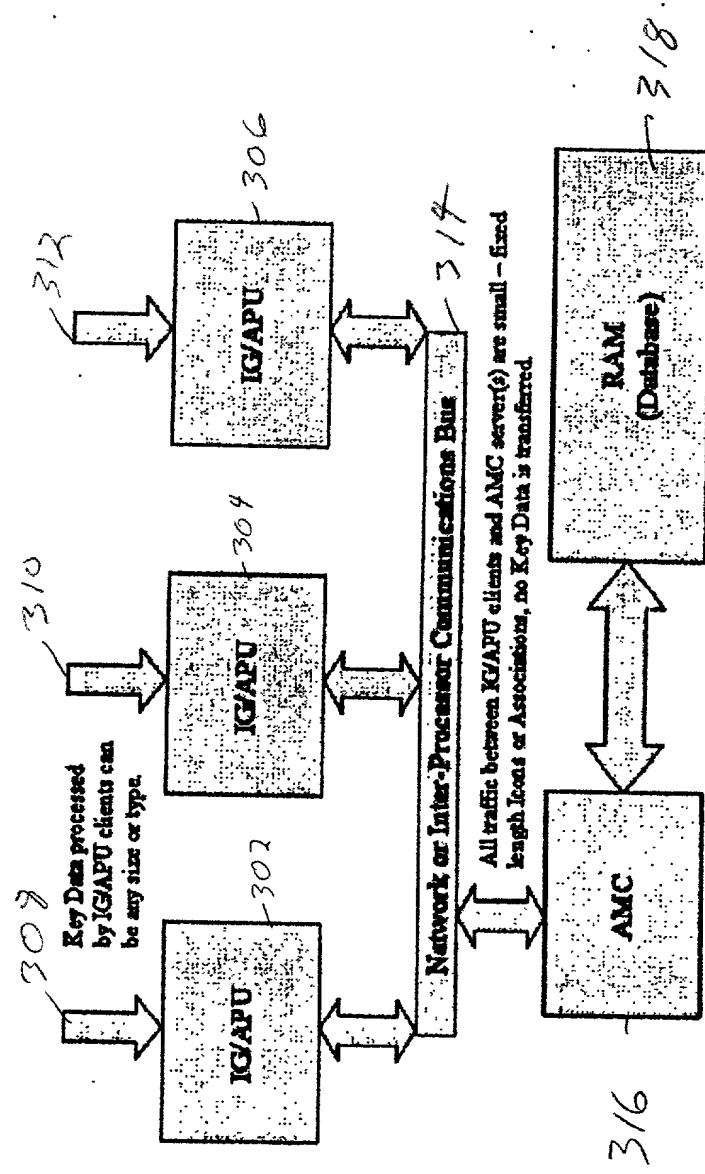


FIG. 15

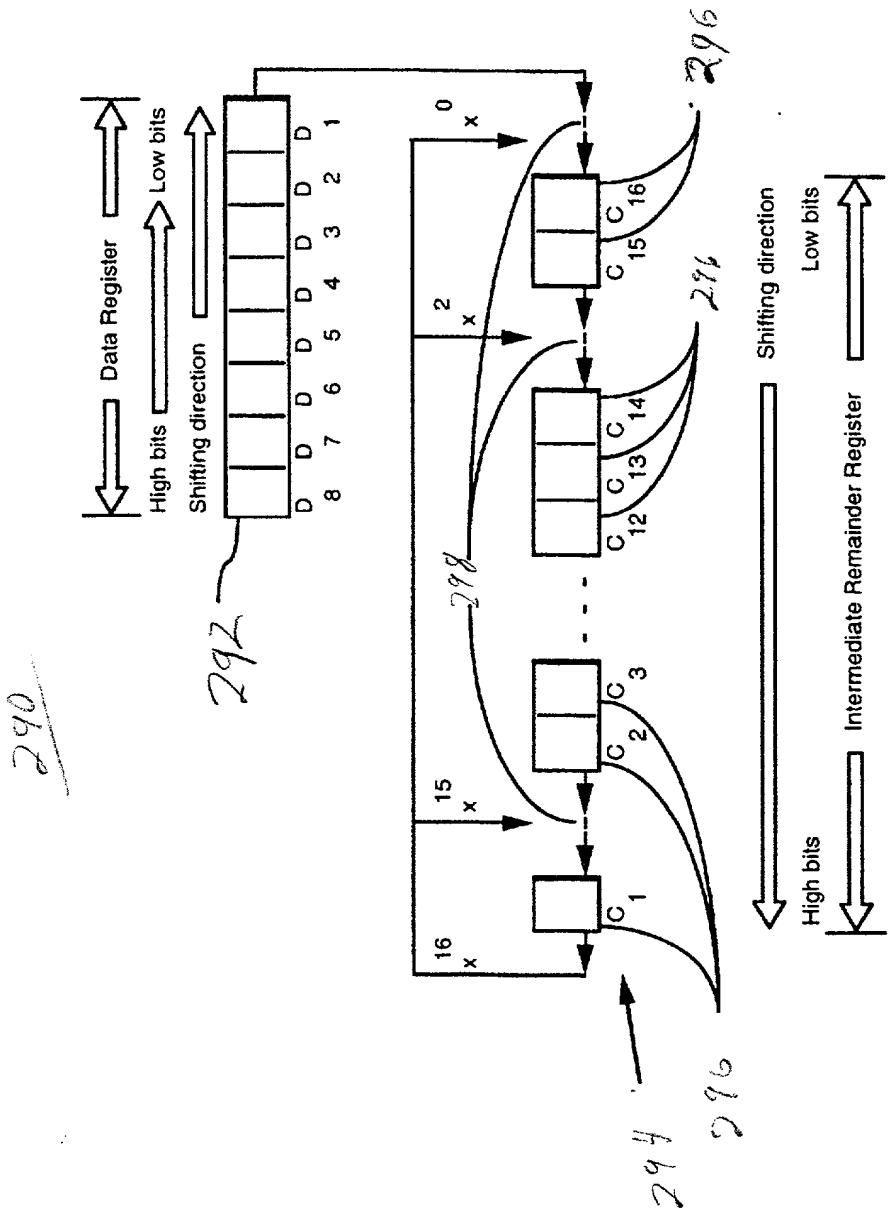


FIG. 14